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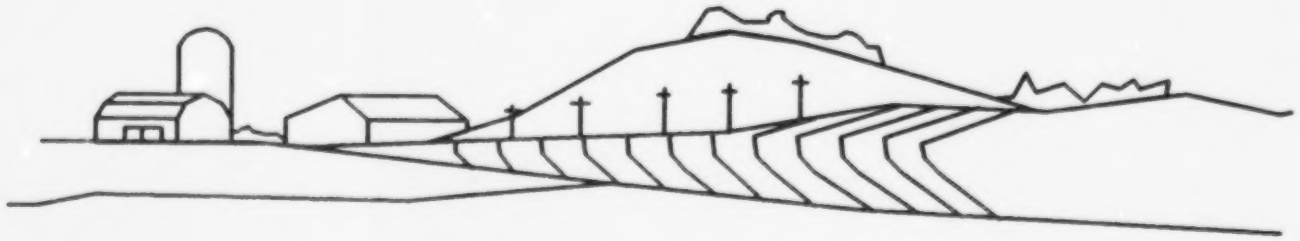
CUSTOM RATES SURVEY

MAR 13 1992

HAY AND SILAGE MAKING OPERATIONS

1991



Alberta
AGRICULTURE
STATISTICS BRANCH
427-4011

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PREFACE

The Custom Rate Survey is conducted for Alberta Agriculture as a cooperative effort involving the Department Statistics Branch, and Farm Business Management Branch.

The data presented in this report was obtained by contacting custom operators and dealers and thus represent actual charges. Please note that some instances may be GNR (Good Neighbor Rates) as opposed to CR (Commercial Rates). The reader should be aware that varying conditions in different areas of the province can significantly affect the rates charged.

The intent of the survey is to provide producers with additional information to help with their farm management decisions. The quality of data is dependent on the cooperation received by producers as well as commercial custom operators. We would like to thank all those who were so willing in helping to provide information. If you are involved in any custom operations and have not been contacted but wish to contribute please call the following numbers or contact your local District Agriculturist.

Alberta Agriculture
Statistics Branch
Edmonton, Alberta
403-427-4011

Alberta Agriculture
Farm Business Management Branch
Olds, Alberta
403-556-4240

Alberta Agriculture

STATISTICS BRANCH

SILAGE MAKING OPERATIONS 1991

(COMPLETE & SEMI-COMPLETE SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
1	MD6	$9/TON	S	SP 14' HESSTON 8200 SWATHER		
			CH	TRACTOR, GALE 1060 HARVESTER, 2 SA TRUCKS TO 1 MILE		BASED ON WET MATTER
1	MD6	$7/TON	CH	TRACTOR, GALE 1060 HARVESTER, 2 SA TRUCKS TO 1 MILE		BASED ON WET MATTER
1	MD9	$12/TON	S	SP 25' VERSATILE SWATHER	10ACRES/HOUR	
			CH	TRACTOR, JD 3960 HARVESTER, DUMP WAGON, 2 TANDEM TRUCKS TO 1 MILE	100TONNES/HR	BASED ON WET MATTER
			E	PACKING WITH 4WD JD 8440 TRACTOR WITH PACKERS		
1	MD14	$30/TONNE	S	SP 16' NEW HOLLAND 1116/CORN HEADER	10ACRES/HOUR	
			CH	SP NH 2100 HARVESTER/CORN HEADER, 2 TANDEM TRUCKS TO 2 MILES	145TONNES/HR	BASED ON DRY MATTER; CORN
1	MD14	$25/TON	CH	TRACTOR, JD 3960 HARVESTER/CORN HEADER, DUMP WAGON TO 6 MILES	2ACRES/HOUR	BASED ON DRY MATTER; CORN
1	MD26	$9/TON	CH	TRACTOR, JD 3970 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 1 MILE	25-30TONS/HR	BASED ON WET MATTER
1	MD26	$9/TON	CH	TRACTOR, JD 4720 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 1 MILE	25-30TONS/HR	BASED ON WET MATTER
1	4	$30/TON	S	TWO 16' SWATHERS WITH RAKES	10ACRES/HOUR	BASED ON WET MATTER
			CH	SP NH 2150 HARVESTER, END DUMP TRAILER AND 3 WALKING FLOOR TRAILERS	25TONS/LOAD	LOCAL HAULS
1	26	$6/TON	CH	TRACTOR, JD 3960 HARVESTER, DUMP WAGON TO 5 MILES	8TONS/LOAD	BASED ON WET MATTER
1	26	$11/TON	S	SP 15' MF 655 SWATHER		
			CH	TRACTOR, JD 3960 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 5 MILES	5TONS/LOAD	BASED ON WET MATTER
			E	PACKING WITH 4WD TRACTOR WITH FRONT END LOADER		
2	MD31	$7.50/TON	S	TRACTOR, 30' SWATHER		
			CH	TRACTOR, NH 1600 HARVESTER, 2 TANDEM TRUCKS TO 5 MILES	12TONS/LOAD	BASED ON WET MATTER

SILAGE MAKING OPERATIONS 1991

(COMPLETE & SEMI-COMPLETE SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
2	MD31	$10/TON	CH	TRACTOR, NH HARVESTER, DUMP WAGON, TANDEM TRUCK TO 2 MILES		BASED ON WET MATTER
			E	PACKING WITH 2WD TRACTOR WITH FRONT END LOADER		
2	MD44	$12/TON	S	SP 25' CASE-IH 75 SWATHER		
			CH	TRACTOR, NH 620 HARVESTER, 2 DUMP WAGONS TO 5 MILES (6TONS/WAGON)	12TONS/LOAD	BASED ON WET MATTER
			E	PACKING WITH 4WD 300HP IH TRACTOR WITH DOZER BLADE		
2	MD44	$6.25/TON	CH	TRACTOR, NH 1600 HARVESTER, 2 TANDEMS TO 5 MILES	10-12TONS/LOAD	BASED ON WET MATTER
2	MD44	$170/HR	CH	TRACTOR, NH 900 HARVESTER, DUMP WAGON, SA TRUCK TO 3 MILES		BASED ON WET MATTER
2	16	$6/TON	CH	TRACTOR, JD 3960 HARVESTER, DUMP WAGON, SA TRUCK TO 3 MILES		BASED ON WET MATTER
2	17	$5.75/TON	CH	TRACTOR, NH 1600 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 2 MILES	7TONS/LOAD	BASED ON WET MATTER
2	17	$5.50/TON	CH	TRACTOR, NH 1600 HARVESTER, DUMP WAGON, 2 TANDEMS TO 3 MILES	12-15TONS/LOAD	BASED ON WET MATTER
2	17	$6.50/TON	CH	TRACTOR, JD 3970 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 2 MILES	7TONS/LOAD	BASED ON WET MATTER
3	MD99	$5.50/TON	CH	TRACTOR, NH HARVESTER, SA TRUCK TO 1 MILE	8TONS/LOAD	BASED ON WET MATTER
3	3	$7.50/TON	CH	TRACTOR, NH 900 HARVESTER, 3 TANDEMS TO 2 MILES	10TONS/LOAD	BASED ON WET MATTER
3	3	$175/HR	CH	TRACTOR, JD 3960 HARVESTER, 6TON DUMP WAGON, 6TON TRUCK TO 15 MILES	30TONS/HOUR	BASED ON WET MATTER
3	10	$160/HR	S	SP 21' HESSTON SWATHER		
			CH	TRACTOR, JD 3800 HARVESTER, DUMP WAGON, 2 SA TRUCKS TO 1 MILE		BASED ON WET MATTER

SILAGE MAKING OPERATIONS 1991

(COMPLETE & SEMI-COMPLETE SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
3	14	$7/TON	CH	TRACTOR, NH 892 HARVESTER, DUMP WAGON, SA TRUCK WITH TRAILER TO 3 MILES		BASED ON WET MATTER
3	23	$5.25/TON	CH	SP JD HARVESTER, 7.5TON DUMP WAGON TO 1 MILE		BASED ON WET MATTER
4	9	$160/HR	CH	TRACTOR, NH 1600 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 2 MILES		BASED ON WET MATTER
4	13	$7.50/TON	CH	TRACTOR, NH 892 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 3 MILES		BASED ON WET MATTER
4	21	$5.25/TON	CH	TRACTOR, NH 1600 HARVESTER, DUMP WAGON, 2 TANDEMS TO 5 MILES		BASED ON WET MATTER
4	24	$16/TONNE	CH	TRACTOR, NH 892 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 5 MILES		BASED ON DRY MATTER
			E	PACKING WITH 4WD 280HP TRACTOR WITH FRONT END LOADER		
4	24	$30/LOAD	CH	TRACTOR, NH 892 HARVESTER, DUMP WAGON, SA TRUCK TO 2 MILES	6TONS/LOAD	BASED ON WET MATTER
5	MD92	$8/TON	CH	TRACTOR, NH 892 HARVESTER, DUMP WAGON TO 1 MILE	8TONS/LOAD	BASED ON WET MATTER
			E	PACKING WITH 2WD TRACTOR WITH FRONT END LOADER		
5	11	$150/HR	CH	SP JD HARVESTER, TANDEM TRUCK TO 3 MILES	10TONS/LOAD	BASED ON WET MATTER
5	25	$6.25/TON	CH	TRACTOR, NH 900 HARVESTER, DUMP WAGON TO 3 MILES	8.5TONS/LOAD	BASED ON WET MATTER
5	25	$14/TON	CH	TRACTOR, GALE 1060 HARVESTER, DUMP WAGON, 2 TANDEM TRUCKS TO 2 MILES		BASED ON DRY MATTER
5	31	$165/HR	CH	TRACTOR, JD HARVESTER, DUMP WAGON, SA TRUCK TO 5 MILES		BASED ON WET MATTER

SILAGE MAKING OPERATIONS 1991

(BAGGED SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
1	MD9	$2700/BAG	CH	TRACTOR, JD 3970 HARVESTER, 8TON DUMP WAGON & 2 5TON TRUCKS		BASED ON WET MATTER
			E	TRACTOR, GEM BAGGER; 9'X200' BAG; 220TONS/BAG	30TONS/HR	COST OF BAG INCLUDED
1	MD14	$1800/BAG	CH	TRACTOR, JD 3970 HARVESTER, DUMP WAGON, 2 SA TRUCKS TO 2 MILES		BASED ON WET MATTER
			E	TRACTOR, SILOPRESS XP2 BAGGER; 8'X150' BAG; 120TONS/BAG	35TONS/HR	COST OF BAG INCLUDED
1	MD14	$2100/BAG	CH	TRACTOR, JD 3970 HARVESTER, DUMP WAGON, 2 SA TRUCKS TO 2 MILES		BASED ON WET MATTER
			E	TRACTOR, SILOPRESS XP2 BAGGER; 9'X150' BAG; 150TONS/BAG		COST OF BAG INCLUDED
1	4	$1800/BAG	CH	TRACTOR, NH HARVESTER, DUMP WAGON, 2 SA TRUCKS TO 2 MILES		BASED ON WET MATTER
			E	AG-BAG BAGGER; 9'X135' BAG; 135TONS/BAG (CUST. PROVIDES TRACTOR)	35-40TONS/HR	COST OF BAG INCLUDED
2	MD44	$1700/BAG	CH	TRACTOR, NH 790 HARVESTER, DUMP WAGON, SA & TANDEM TRUCKS	8TONS/LOAD	BASED ON WET MATTER
			E	SILOPRESS XP3 BAGGER; 8'X150' BAG; 120TONS/BAG (CUST. PROVIDES TRACTOR)	30-35TONS/HR	COST OF BAG INCLUDED
2	MD44	$2400/BAG	CH	TRACTOR, NH 790 HARVESTER, DUMP WAGON, SA & TANDEM TRUCKS	8TONS/LOAD	BASED ON WET MATTER
			E	SILOPRESS XP3 BAGGER; 8'X200' BAG; 180TONS/BAG (CUST. PROVIDES TRACTOR)	35-40TONS/HR	COST OF BAG INCLUDED
2	MD48	$2450/BAG	CH	TRACTOR, NH 900 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 3 MILES		BASED ON WET MATTER
			E	GEM BAGGER; 10'X150' BAG; 200TONS/BAG (CUST. PROVIDES TRACTOR)	40TONS/HR	COST OF BAG INCLUDED
2	MD48	$3100/BAG	CH	TRACTOR, NH 900 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 3 MILES		BASED ON WET MATTER
			E	GEM BAGGER; 10'X200' BAG; 265TONS/BAG (CUST. PROVIDES TRACTOR)	40TONS/HR	COST OF BAG INCLUDED
2	17	$2500/BAG	CH	TRACTOR, NH 2100 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 2 MILES		BASED ON WET MATTER
			E	GEM BAGGER; 10'X150' BAG; 210TONS/HR (CUST. PROVIDES TRACTOR)	45TONS/HR	COST OF BAG INCLUDED
2	17	$3200/BAG	CH	TRACTOR, NH 2100 HARVESTER, DUMP WAGON, TANDEM TRUCK TO 2 MILES		BASED ON WET MATTER
			E	GEM BAGGER; 10'X200' BAG; 265TONS/HR (CUST. PROVIDES TRACTOR)	45TONS/HR	COST OF BAG INCLUDED

SILAGE MAKING OPERATIONS 1991

(BAGGED SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
3	3	$1200/BAG	E	TRACTOR, KELLY RYAN BAGGER; 9'X135' BAG; 140TONS/BAG	30-40TONS/HR	COST OF BAG INCLUDED
3	6	$2700/BAG	CH	TRACTOR, NH 900 HARVESTER, DUMP WAGON, SA TRUCK TO 3 MILES	7TONS/LOAD	BASED ON WET MATTER
			E	GEM BAGGER; 9'X200' BAG; 200TONS/BAG (CUST. PROVIDES TRACTOR)	35TONS/HR	COST OF BAG INCLUDED
5	25	$1850/BAG	CH	TRACTOR, NH 2100 HARVESTER, 2 TANDEM TRUCKS TO 3 MILES		BASED ON WET MATTER
			E	AG-BAG BAGGER; 9'X135' BAG; 135TONS/BAG (CUST. PROVIDES TRACTOR)	35TONS/HR	COST OF BAG INCLUDED
5	25	$2100/BAG	CH	TRACTOR, NH 2100 HARVESTER, 2 TANDEM TRUCKS TO 3 MILES		BASED ON WET MATTER
			E	AG-BAG BAGGER; 9'X150' BAG; 150TONS/BAG (CUST. PROVIDES TRACTOR)	35TONS/HR	COST OF BAG INCLUDED
5	31	$1600/BAG	CH	TRACTOR, NH 890 HARVESTER, DUMP WAGON, 2 TANDEM TRUCKS TO 2 MILES		BASED ON WET MATTER
			E	BAGGER; 8'X150' BAG; 150TONS/BAG		COST OF BAG INCLUDED

LEGEND

OPERATION	EQUIPMENT
S -SWATHING	JD - JOHN DEERE
C - CHOPPING	MF - MASSEY FERGUSON
H - HAULING	NH - NEW HOLLAND
E - ENSILING	IH - INTERNATIONAL
HR - HOUR	SP - SELF PROPELLED
AC - ACRE	

THERE IS VERY LITTLE SILAGE PUT UP BY CUSTOM OPERATORS IN REGION 6.

SILAGE MAKING OPERATIONS 1991

(SINGLE SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE/NOTES
1	MD14	$2.50/TON	H	2 SINGLE AXLE TRUCKS HAULING UP TO 5 MILES	
1	MD14	$5.50/TON	C	TRACTOR, JD 3960 HARVESTER, 7TON DUMP WAGON	
1	MD14	$7/AC	S	TRACTOR, 18' JD SWATHER	
1	MD14	$1.50/TON	E	PACKING WITH 4WD JD 8440 TRACTOR WITH PACKERS	
1	MD26	$2.50/TON	H	TANDEM TRUCK (PLUS $0.25/TON/MILE)	12TONS/LOAD
1	MD26	$5/TON	C	TRACTOR, JD 3960 HARVESTER, 6TON DUMP WAGON	25TONS/HOUR
1	MD26	$1.50/TON	E	PACKING WITH 4WD JD 8440 200HP TRACTOR W/DOZER BLADE	
1	26	$10/AC	S	SP 15' MF 655 SWATHER	4ACRES/HOUR
1	26	$1.75/TON	E	PACKING WITH 4WD 200HP TRACTOR W/DOZER BLADE	
1	26	$35/HR	H	SINGLE AXLE TRUCKS UP TO 5 MILES	
2	MD31	$5.20/TON	C	TRACTOR, NH 890 HARVESTER, DUMP WAGON (6TONS/LD)	20TONS/HOUR
2	MD31	$1.50/TON	E	PACKING WITH 2WD CASE TRACTOR W/FRONT END LOADER	
2	MD31	$2/TON	H	TANDEM TRUCK UP TO 2 MILES (EXTRA TRUCKS $30/HR)	6TONS/LOAD
2	MD44	$30/HR	H	SINGLE AXLE TRUCK TO 15 MILES	6TONS/LOAD
2	17	$40/HOUR	E	PACKING WITH 4WD TRACTOR/DOZER BLADE	55TONS/HOUR
2	17	$7/AC	S	SP 18' VERSATILE 400 SWATHER	12AC/HR
2	17	$12/LOAD	H	SINGLE AXLE TRUCKS UP TO 5 MILES	6TONS/LOAD
2	17	$6.25/AC	S	SP 14' HESSTON 6550 HAYBINE	5AC/HR
2	17	$50/HR	E	PACKING WITH 4WD JD 8450 TRACTOR W/12' DOZER BLADE	
3	MD99	$5/TON	C	TRACTOR, NH 1600 HARVESTER, 9TON DUMP WAGON	
3	MD99	$2/TON	H	SINGLE AXLE TRUCK UP TO 3 MILES	9TONS/LOAD
3	3	$6/AC	S	SP 16' NH 1116 WINDROWER	
3	3	$130/HR	C	TRACTOR, JD 3960 HARVESTER, 6TON DUMP WAGON	25TONS/HOUR
3	3	$45/HOUR	E	PACKING WITH TRACTOR/FRONT END LOADER	25TONS/HOUR

SILAGE MAKING OPERATIONS 1991

(SINGLE SILAGE OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE/NOTES
3	3	$30/HR	H	TANDEM TRUCK UP TO 5 MILES	12TONS/LOAD
3	6	$7/ACRE	S	SP 14'-IH 203 SWATHER	8ACRES/HOUR
3	14	$35/HOUR	H	SINGLE AXLE TRUCK TO 15 MILES	5TONS/LOAD
3	14	$120/HR	C	TRACTOR, NH 900 HARVESTER, 5TON DUMP WAGON	40TONS/HOUR
3	14	$30/HOUR	H	SINGLE AXLE TRUCK TO 15 MILES	7TONS/LOAD
3	29	$35/HR	H	TANDEM TRUCK UP TO 8 MILES	8TONS/LOAD
3	29	$130/HR	C	SP NH 1900 HARVESTER, 7TON DUMP WAGON	55TONS/HR
4	9	$8/ACRE	S	SP 14'- JD 2420 SWATHER	8ACRES/HOUR
4	24	$4.25/TON	C	TRACTOR, NH 892 HARVESTER, 6TON DUMP WAGON	30TONS/HR
5	MD77	$35/HR	H	SINGLE AXLE TRUCK UP TO 7 MILES	7TONS/LOAD
5	MD77	$50/HOUR	E	PACKING WITH 4WD TRACTOR/DOZER BLADE	55-60TONS/HOUR
5	MD92	$4/TON	C	SP JD 5820 HARVESTER, 7TON DUMP WAGON	50TONS/HR
5	MD92	$45/HOUR	S	SP 18'-VERSATILE 4400 SWATHER	9ACRES/HOUR
5	11	$30/HR	H	TANDEM TRUCK UP TO 3 MILES	7TONS/LOAD
5	11	$4.75/TON	C	SP JD 5820 HARVESTER, 7TON DUMP WAGON	50TON/HR
5	25	$5/TON	C	TRACTOR, NH 892 OR NH 900 HARVESTERS, 6TON DUMP WAGON	35TONS/HR

HAYMAKING OPERATIONS 1991

(COMPLETE AND SEMI-COMPLETE HAYMAKING OPERATION)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
1	MD6	$30/TON	MC	SP HESTON 6450 AND SP HYDRA SWING 1014 HAYBINES	8AC/HR	USING BOTH MACHINES
			B	JD 530 AND VERMEER 605H BALERS - LARGE ROUND BALES	30BALES/HR	FOR UNDER 2TON/ACRE YIELD
			H	SEMI WITH FRONT END LOADER; TRAILER HOLDS 26 BALES TO 30 MILES		
1	26	$15/TON	B	NH BALER; 14X18 BALES	400BALES/HR	
			SH	SP NH BALE WAGON HOLDS 140 BALES TO 5 MILES		
2	MD31	$1.20/BALE	MC	NH114 HAYBINE	5AC/HR	
			B	NH 326 BALER; 14X18 BALES	190BALES/HR	
			SH	SP NH 1069 BALE WAGON HOLDS 160 BALES TO 1 MILE		
2	MD44	$0.75/BALE	B	JD 467 BALER; 16X18 BALES	230BALES/HR	
			SH	SP NH SUPER 1049 BALE WAGON HOLDS 134 BALES TO 1 MILE		
2	16	$15/AC	MC	HESSTON 1014 HAYBINE		
			B	JD 346 BALER; 16X18 BALES		
3	18	$0.55/BALE	B	JD 347 BALER; 14X18 BALES		
			SH	TRACTOR, NH 1037 BALE WAGON HOLDS 104 BALES TO 1 MILE		
5	25	$1.25/BALE	MC	NH 1114 HAYBINE WITH 14' HEADER	5AC/HR	
			B	TRACTOR, MF 228 BALER; 14X18 BALES	350BALES/HR	
			SH	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
6	ID22	$9/BALE	B	NH 855 BALER; LARGE ROUND BALES		
			SH	TANDEM TRUCK AND JIFFY BALE HANDLER TO 5 MILES		

ALL CUSTOM COSTS FOR BALING INCLUDE TWINE UNLESS OTHERWISE STATED.

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
1	MD6	$12/BALE	B	HESSTON 4800 BALER; LARGE SQUARE BALES	15BALES/HR	
1	MD6	$6/BALE	B	TRACTOR, VERMEER 605H BALER; LARGE ROUND BALES	15-20BALES/HR	
1	MD6	$3/BALE	S	FRONT END LOADER AND SP NH RETRIEVER HOLDS 6 BALES ON FIELD STACKING		
1	MD6	$10/TON	H	47' SEMI-TRAILER HOLDS 22-24TONS		UP TO 10 MILES
1	MD9	$0.30/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
1	MD9	$0.35/BALE	B	TRACTOR, JD 346 BALER; 14X18 BALES	250BALES/HR	2TON/ACRE YIELD
1	MD9	$0.30/BALE	MC	SP JD 800 HAYBINE		
1	MD9	$0.30/BALE	S	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
1	MD14	$10/AC	MC	SP JD 1424 HAYBINE	7AC/HR	
1	MD26	$6/BALE	B	TRACTOR, NH 851 BALER; LARGE ROUND BALES	15BALES/HR	2TON/ACRE YIELD
1	MD26	$0.30/BALE	SH	SP NH 1049 BALE WAGON HOLDS 100 18X24 BALES UP TO 1 MILE HAUL		
1	2	$55/HR	MC	SP VERSATILE 400 SWATHER W/CRIMPER		
1	2	$0.30/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
1	2	$6/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES	15BALES/HR	
1	2	$3.25/LMI	H	SP NH 1069 BALE WAGON HOLDS 160 BALES		UP TO 30 MILES
1	2	$6.50/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES	20BALES/HR	
1	2	$0.35/BALE	SH	SP NH 1069 BALE WAGON HOLDS 160 BALES TO 1 MILE		
1	2	$0.35/BALE	B	TRACTOR, NH 320 BALER; 14X18 BALES	250BALES/HR	
1	4	$6.50/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES		
1	4	$2/BALE	SH	2 TRUCKS HOLDING 5 HAY BALES OR 8 STRAW BALES TO 1 MILE		
1	4	$10/TON	H	HI-BOY HOLDS 26 LARGE ROUND BALES		UP TO 10 MILES
1	5	$7/BALE	B	JD 530 BALER; LARGE ROUND BALES		
1	5	$12/ACRE	MC	SP HESSTON HAYBINE	8AC/HR	
1	5	$6.50/BALE	B	TRACTOR, MF 1560 BALER; LARGE ROUND BALES		
1	8	$0.25/BALE	S	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
1	8	$0.28/BALE	SH	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES UP TO 1 MILE HAUL		

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
1	8	$0.50/BALE	B	HESSTON 4650 BALER; 16X18 BALES	325BALES/HR	
1	8	$9/AC	M	SP MOWER	10AC/HR	
1	8	$0.35/BALE	B	TRACTOR, JD 346 BALER; 14X18 BALES	200BALES/HR	
1	8	$15/TON	H	50' HIGHBOY SELF-UNLOADING HOLDS 25 TONS	UP TO 50 MILES	PLUS $50 LOADING FEE
1	8	$20/TON	H	50' HIGHBOY SELF-UNLOADING HOLDS 25 TONS	51-150 MILES	PLUS $50 LOADING FEE
1	8	$2.50/LMI	H	50' HIGHBOY SELF-UNLOADING HOLDS 25 TONS	OVER 150 MILES	PLUS $50 LOADING FEE
1	8	$10/ACRE	MC	SP NH 1116 HAYBINE	8AC/HR	
1	8	$6/BALE	B	TRACTOR, NH 855 BALER; LARGE ROUND BALES	22BALES/HR	
1	26	$5.50/BALE	B	TRACTOR, AVCO NEW IDEA BALER; SMALL ROUND BALES	20BALES/HR	
1	26	$0.40/BALE	B	TRACTOR, JD 346 BALER; 14X18 BALES	300BALES/HR	
1	26	$6/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES	12BALES/HR	
2	CALGARY	$40/HOUR	SH	TRACTOR, NH 1030 BALE WAGON HOLD 69 BALES TO 1 MILE		
2	CALGARY	$0.30/BALE	S	SP NH BALE WAGON HOLDS 154 BALES IN FIELD STACKING		
2	CALGARY	$80/HR	B	TRACTOR, JD 346 BALER; 16X18 BALES	225BALES/HR	
2	CALGARY	$0.45/BALE	B	TRACTOR, JD 346 BALER; 16X18 BALES	90BALES/HR	
2	CALGARY	$50/HR	MC	TRACTOR, NH 489 HAYBINE	4AC/HR	
2	MD31	$35/HR	S	NH RETRIEVER ON TRUCK TO MOVE 160 BALE STACK		
2	MD31	$10/AC	MC	SP HESSTON 1014 HAYBINE	4AC/HR	
2	MD31	$0.40/BALE	B	TRACTOR, NH 320 BALER; 14X18 BALES	210BALES/HR	
2	MD31	$0.30/BALE	SH	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES UP TO 1 MILE HAUL		PLUS $0.02/BALE/MI OVER 1 MI
2	MD31	$75/HR	MC	SP SWATHER W/14' IHC HEADERS	15AC/HR	
2	MD31	$8/AC	MC	NH 495 HAYBINE	6AC/HR	
2	MD31	$0.32/BALE	SH	SP NH 1069 BALE WAGON HOLDS 160 BALES TO 1 MILE		
2	MD31	$6/BALE	B	TRACTOR, VERMEER 605H BALER; LARGE ROUND BALES	20BALES/HR	
2	MD44	$0.45/BALE	B	TRACTOR, MF 124 BALER; 14X18 BALES		
2	MD44	$0.30/BALE	S	SP NH BALE WAGON HOLDS 108 BALES IN FIELD STACKING		
2	MD44	$11/BALE	B	HESSTON 4800 BALER; LARGE SQUARE BALES (4X4X8)	15BALES/HR	
2	MD44	$10/AC	MC	SP NH 495 HAYBINE	4AC/HR	
2	MD44	$2.75/LMI	H	45' SEMI-TRAILER HOLDS 24 LARGE SQUARE BALES		ANY DISTANCE

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
2	MD47	$0.40/BALE	SH	TRACTOR, NH 1033 BALE WAGON HOLDS 104 (14X18) BALES TO 1 MILE		
2	MD48	$0.35/BALE	SH	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES UP TO 1 MILE HAUL		PLUS $0.02/BALE/MI OVER 1 MILE
2	16	$0.33/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
2	16	$0.35/BALE	SH	SP NH SUPER 1049 BALE WAGON HOLDS 160 (16X18) BALES TO 1 MILE		
2	16	$6/BALE	B	TRACTOR, MF 1650 BALER; LARGE ROUND BALES		
2	16	$12/BALE	B	HESSTON 4800 BALER; LARGE SQUARE BALES (4X4X8)		
2	16	$10/AC	MC	SP NH 1112 W/16' CONDITIONERS		
2	17	$0.35/BALE	B	TRACTOR; JD 347 BALER; 14X18 BALES		
2	17	$0.30/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
2	17	$6/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALER	18BALES/HR	
2	17	$0.35/BALE	SH	SP NH 1069 BALE WAGON HOLDS 160 BALES TO 1 MILE		
2	17	$6.50/BALE	B	TRACTOR, VERMEER 605H BALER; LARGE ROUND BALES	18BALES/HR	
2	17	$0.40/BALE	B	TRACTOR, JD 347 BALER; 14X18 BALES	300BALES/HR	
2	17	$6/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES	20BALES/HR	
2	17	$0.38/BALE	B	TRACTOR, JD 347 BALER; 14X18 BALES	250BALES/HR	
2	17	$0.27/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
2	17	$0.28/BALE	S	TRACTOR, NH 1037 BALE WAGON HOLDS 104 BALES IN FIELD STACKING		
2	17	$7.50/AC	MC	SP VICON ROTARY MOWER		
2	17	$10/ACRE	MC	SP 15' HESSTON 6545 HAYBINE	5AC/HR	
2	17	$0.28/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
2	17	$0.50/BALE	B	TRACTOR, JD 347 BALER; 14X18 BALES	350BALES/HR	
2	17	$0.25/BALE	S	TRACTOR, NH 1033 BALE WAGON HOLDS 104 BALES IN FIELD STACKING		
2	17	$3/LMI	SH	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES OVER 1 MILE		
3	MD99	$3/BALE	H	54' HI-BOY HOLDS 38 LARGE ROUND BALES		UP TO 15 MILES
3	MD99	$4/BALE	H	54' HI-BOY HOLDS 38 LARGE ROUND BALES		16-20 MILES
3	MD99	$5.50/BALE	H	54' HI-BOY HOLDS 38 LARGE ROUND BALES		50 MILE HAUL

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
3	SA4	$5/BALE	H	45' HI-BOY HOLDS 30 LARGE ROUND BALES	UP TO 50 MILES	$150 MINIMUM CHARGE ($5/BALE)
3	SA4	$3/LMI	H	45' HI-BOY HOLDS 30 LARGE ROUND BALES	51-200 MILES	$150 MINIMUM CHARGE ($5/BALE)
3	SA4	$2.75/LMI	H	45' HI-BOY HOLDS 30 LARGE ROUND BALES	200-250 MILES	$150 MINIMUM CHARGE ($5/BALE)
3	3	$0.30/BALE	SH	TRACTOR, NH 1063 BALE WAGON HOLDS 160 BALES TO 5 MILES		PLUS $0.01/BALE/MI
3	3	$9.50/AC	MC	SP IH HAYBINE WITH 14' HEADERS	7AC/HR	
3	3	$0.30/BALE	S	TRACTOR, NH 1063 BALE WAGON HOLDS 160 BALES IN FIELD STACKING		
3	3	$5/BALE	B	TRACTOR, NH 852 BALER; LARGE ROUND BALES	15BALES/HR	
3	3	$0.38/BALE	B	TRACTOR, NH 320 BALER; 14X18 BALES		
3	3	$6.25/BALE	B	TRACTOR, FORD 552 BALER; LARGE ROUND BALES	12BALES/HR	
3	3	$10/AC	MC	SP NH 489 HAYBINE		
3	3	$60/HOUR	MC	SP 14' IH 1590 HAYBINE	6AC/HR	
3	3	$4/BALE	SH	TRACTOR, 45' HIGHBOY HOLDS 32 BALES 10-20 MILES		
3	3	$1/BALE	SH	TRACTOR, 45' HIGHBOY HOLDS 32 BALES TO 3 MILES		
3	3	$7.50/BALE	B	TRACTOR, VERMEER 605J BALER; EXTRA LARGE ROUND BALES (1800-2000LBS)		
3	3	$5/BALE	B	TRACTOR, MF 1560 BALER; LARGE ROUND BALES	18BALES/HR	
3	3	$6.50/BALE	B	TRACTOR, IH 1650 BALER; LARGE ROUND BALES		
3	6	$6.50/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES		
3	6	$7/BALE	B	TRACTOR, AVCO NEW IDEA 406 BALER; LARGE ROUND BALES	6BALES/HR	
3	10	$0.45/BALE	B	TRACTOR, JD 330 BALER; 16X18 BALES		
3	10	$60/HR	H	45' HIGHBOY HOLDS 34 LR BALES		UP TO 100 MILES
3	10	$2.65/LMI	H	45' HIGHBOY HOLDS 34 LR BALES		OVER 100 MILES
3	10	$12/AC	MC	TRACTOR, JD 830 HAYBINE	3-4AC/HR	
3	10	$5.50/BALE	B	TRACTOR, NH 855 BALER; LARGE ROUND BALES	15BALES/HR	
3	14	$6/BALE	B	TRACTOR, JD 510 BALER; LARGE ROUND BALES	15-20BALES/HR	
3	14	$5/BALE	B	TRACTOR, NH 851 BALER; LARGE ROUND BALES	12BALES/HR	PLUS COST OF TWINE
3	14	$7/AC	MC	TRACTOR, MF 925 SWATHER/CONDITIONER		
3	14	$8/AC	MC	SP MF 926 HAYBINE WITH 9' HEADER		
3	14	$5/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES		

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
3	14	$6.50/BALE	B	TRACTOR, VERMEER 605H BALER; LARGE ROUND BALES		
3	14	$1.50/BALE	S	SP NH 8500 BALE WAGON HOLDS 8 BALES IN FIELD STACKING		
3	14	$2/BALE	SH	SP NH 8500 BALE WAGON HOLDS 8 BALES TO 1 MILE		
3	14	$2.25/BALE	SH	SP NH 8500 BALE WAGON HOLDS 8 BALES TO 2 MILES		
3	14	$60/HOUR	SH	SP NH 8500 BALE WAGON HOLDS 8 BALES TO 3 MILES		
3	14	$6/BALE	B	TRACTOR, VERMEER 605H BALER; LARGE ROUND BALES	35BALES/HR	
3	22	$6.50/BALE	B	TRACTOR, MCKEE BALER; LARGE ROUND BALES		
3	22	$5/BALE	B	TRACTOR, JD 510 BALER; LARGE ROUND BALES	15BALES/HR	
3	22	$45/HR	MC	TRACTOR, JD 1214 HAYBINE	7AC/HR	
3	22	$50/HR	MC	SP NH 910 SWATHER/CONDITIONER	7AC/HR	
3	23	$70/HR	SH	SP NH 8500 BALE WAGON HOLDS 8 LARGE ROUND BALES OVER 1 MILE HAUL		
3	23	$1/BALE	SH	SP NH 8500 BALE WAGON HOLDS 8 LARGE ROUND BALES UP TO 1 MILE HAUL		
3	23	$0.28/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		PLUS $0.02/BALE/MI OFF FIELD
3	23	$0.31/BALE	S	SP NH 1069 BALE WAGON HOLDS 135 16X18 BALES ON FIELD STACKING		PLUS $0.02/BALE/MI OFF FIELD
3	23	$0.35/BALE	B	TRACTOR, JD 346 BALER; 14X18 BALES		
3	23	$0.35/BALE	SH	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES TO 1 MILE		PLUS $0.01/BALE/MILE
3	23	$0.30/BALE	S	SP NH SUPER 1049 BALE WAGON HOLDS 160 BALES ON FIELD STACKING		
3	23	$0.35/BALE	SH	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES UP TO 1 MILE HAUL		
4	MD61	$6/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES	8BALES/HR	
4	9	$8/AC	MC	JD 2420 HAYBINE	8AC/HR	
4	19	$5/BALE	B	TRACTOR, JD 510 BALER; LARGE ROUND BALES		
4	24	$2/BALE	SH	SA TRUCK WITH BALE DECK HOLDS 13 LR BALES 1/2 TO 2MI		
4	24	$5.50/BALE	B	TRACTOR, JD 530 BALER; LARGE ROUND BALES		
4	24	$55/HR	MC	SP VERSATILE SWATHER W/15' CRIMPER		
4	24	$6/BALE	B	TRACTOR, NH 855 BALER; LARGE ROUND BALES		
4	27	$5/BALE	B	TRACTOR, NH 851 BALER; LARGE ROUND BALES		

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
4	30	$5/BALE	B	TRACTOR, KLAAS BALER; MEDIUM ROUND BALES		NET BALING
4	30	$6/BALE	B	TRACTOR, NH 855 BALER; LARGE ROUND BALES		
4	30	$9/ACRE	MC	SP HESSTON 1014 HAYBINE		
4	30	$6/BALE	B	TRACTOR, NH 855 BALER; LARGE ROUND BALES		
5	MD77	$5/BALE	H	22' TRAILER HOLDS 22 LARGE ROUND BALES		UP TO 60 MILES
5	MD90	$0.30/BALE	S	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES UP TO 1 MILE		PLUS $0.02/BALE/MI OVER 1 MI
5	MD90	$0.28/BALE	S	SP NH 1069 BALE WAGON HOLDS 160 14X18 BALES ON FIELD STACKING		
5	MD90	$10/LMI	SH	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES OFF FIELD STACKING		
5	MD92	$0.30/BALE	SH	SP NH 1049 BALE WAGON HOLDS 160 14X18 BALES UP TO 1 MILE HAUL		
5	MD92	$9/AC	MC	SP 14' NH 114 SWATHER/CONDITIONER	8AC/HR	
5	MD92	$60/HR	H	HI-BOY HOLDS 36 LARGE ROUND BALES		UP TO 100 MILES
5	MD92	$2.50/LMI	H	HI-BOY HOLDS 36 LARGE ROUND BALES		OVER 100 MILES
5	MD92	$5/BALE	B	TRACTOR, JD 510 BALER; LARGE ROUND BALES	15BALES/HR	
5	MD92	$0.40/BALE	B	TRACTOR, JD 346 BALER; 14X18 BALES		
5	MD92	$50/HR	H	A-TRAIN HOLDS 40 LARGE ROUND BALES		UP TO 75 MILES
5	7	$9/AC	MC	NH 455 HAYBINE W/9' HEADERS		
5	7	$6/BALE	B	TRACTOR, CASE IH BALER; LARGE ROUND BALES		
5	11	$5/BALE	B	TRACTOR, NH 847 BALER; SMALL ROUND BALES		
5	20	$5/BALE	B	TRACTOR, NH 849 BALER; MEDIUM ROUND BALES		PLUS COST OF TWINE
5	25	$0.25/BALE	SH	SP NH SUPER 1049 BALE WAGON HOLDS 160 BALES IN FIELD STACKING		
5	25	$0.30/BALE	SH	SP NH SUPER 1049 BALE WAGON HOLDS 160 BALES TO 1 MILE		
5	25	$0.40/BALE	SH	SP NH SUPER 1049 BALE WAGON HOLDS 160 BALES TO 2 MILES		
5	25	$9/ACRE	MC	SP 9' NH 488 HAYBINE	4-5AC/HR	
5	31	$0.40/BALE	B	TRACTOR, NH 320 BALER; 14X18 BALES	300BALES/HR	

HAYMAKING OPERATIONS 1991

(SINGLE HAYMAKING OPERATIONS)

REGION	COUNTY	CUSTOM COST	OPERATION	EQUIPMENT	RATE	NOTES
5	31	$0.45/BALE	SH	SP NH SUPER 1049 BALE WAGON HOLDS 160 BALES TO 3 MILES		
6	ID21	$5.50/BALE	B	TRACTOR, NH 851 BALER; LARGE ROUND BALES		
6	ID22	$6/BALE	B	TRACTOR, NH 855 BALER; LARGE ROUND BALES	12-15BALES/HR	
6	MD133	$8/AC	MC	SP 20' VERSATILE SWATHER/CONDITIONER	8AC/HR	
6	MD133	$5/BALE	B	TRACTOR, AVCO NEW IDEA BALER; LARGE ROUND BALES		
6	MD133	$6/BALE	B	TRACTOR, CASE IH 3650 BALER; LARGE ROUND BALES		
6	MD135	$6/BALE	B	TRACTOR, COOP 560 BALER; LARGE ROUND BALES		
6	MD135	$7/AC	M	SP INTERNATIONAL 400 MOWER	12AC/HR	
6	MD135	$6/BALE	B	TRACTOR, COOP 450 BALER; LARGE ROUND BALES		
6	MD135	$0.30/BALE	B	TRACTOR, JD 336 BALER; 16X18 BALES	150BALES/HR	
6	MD136	$5/BALE	B	TRACTOR, NH 851 BALER; LARGE ROUND BALES	20BALES/HR	
6	1	$5/BALE	B	TRACTOR, HESTON 5540 BALER; SMALL ROUND BALES	8BALES/HR	
6	1	$6/BALE	B	TRACTOR, NH 851 BALER; LARGE ROUND BALES	20BALES/HR	

ALL CUSTOM COSTS FOR BALING INCLUDE TWINE UNLESS OTHERWISE STATED.

LEGEND

M-MOWING	LR-LARGE ROUND BALES
MC-MOWING AND CONDITIONING	AC-ACRE
B-BALING	LMI-LOADED MILE
S-STACKING	SP-SELF PROPELLED
H-HAULING	HR-HOUR
SH-STACKING AND HAULING	JD-JOHN DEERE NH-NEW HOLLAND